

**IN THE CLAIMS:**

1. (currently amended) A method of decompression a compressed encoded SIF (source input format) video signal, the method comprising:  
decoding (7) the compressed encoded SIF video signal to obtain a decoded video signal; and  
post-processing the decoded video signal by temporal up-conversion (10) and, prior to said temporal up-conversion (10), spatial enhancement (9).
2. (original) A method as claimed in claim 1, wherein a spatial up-conversion (8) is conducted prior to said spatial enhancement (9).
3. (original) A method as claimed in claim 2, wherein said spatial up-conversion (8) comprises a vertical up-conversion (13) conducted prior to said spatial enhancement (9), a horizontal spatial up-conversion (14) being conducted after said temporal up-conversion (10) respectively.
4. (original) A method as claimed in claim 1, wherein said spatial enhancement (9) comprises spatial edge enhancement.
5. (original) A method as claimed in claim 4, wherein said spatial edge enhancement (9) is carried out by peaking filtering.
6. (original) A method as claimed in claim 5, wherein said peaking filtering is controlled by a spread of pixel values.

7. (currently amended) A decoder for decompression a compressed encoded SIF (source input format) video signal, the decoder comprising:  
| decoding means (7) for decoding the compressed encoded SIF video signal  
| to obtain a decoded signal; and  
| means for post-processing the decoded signal, the means for post-  
| processing comprising temporal up-conversion means (10) and spatial enhancement  
| means (9) coupled in between said decoding means (7) and said temporal up-conversion  
| means (10).
8. (original) A decoder as claimed in claim 7, the decoder further comprising  
means for spatial up-conversion (8) prior to said spatial enhancement means (9).
9. (original) A decoder as claimed in claim 8, wherein said spatial up-  
conversion means (8) comprises vertical up-conversion means (13) prior to said spatial  
enhancement means (9), the decoder further comprising horizontal spatial up-conversion  
means (14) after said temporal up-conversion means (10) respectively.
10. (original) A video recording or reproduction device comprising a decoder  
according to claim 7.